

§ 721.1660

40 CFR Ch. I (7–1–04 Edition)

(b), (c), and (k) are applicable to manufacturers, importers, and processors of this substance.

(2) *Limitations or revocation of certain notification requirements.* The provisions of § 721.185 apply to this section.

[65 FR 367, Jan. 5, 2000]

**§ 721.1660 Benzidine-based chemical substances.**

(a) *Chemical substances and significant new uses subject to reporting.* (1) The benzidine-based chemical substances listed in table 1 of this section are subject to reporting under this section for

the significant new uses described in paragraph (a)(2) of this section.

(2) The significant new uses are any use other than as a reagent to test for hydrogen peroxide in milk; a reagent to test for hydrogen sulfate, hydrogen cyanide, and nicotine; a stain in microscopy; a reagent for detecting blood; an analytical standard; and also for Colour Index (C.I.) Direct Red 28 (Congo Red, CAS No. 573-58-0) as an indicator dye.

(b) *List of substances.* The following table 1 lists the benzidine-based chemical substances covered by this section.

TABLE 1—BENZIDINE-BASED CHEMICAL SUBSTANCES

CAS number	C.I. name	C.I. number	Chemical Name
92–87–5	Benzidine	0N/A	[1,1'-Biphenyl]-4,4'-diamine
531–85–1	Benzidine · 2HCL	N/A	[1,1'-Biphenyl]-4,4'-diamine, dihydrochloride
573–58–0	C.I. Direct Red 28	22120	1-Naphthalenesulfonic acid, 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[4-amino-, disodium salt
1937–37–7	C.I. Direct Black 38	30235	2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2, 4-diaminophenyl)azo]-4-yl]azo]-5-hydroxy-6-(phenylazo)-, disodium salt
2302–97–8	C.I. Direct Red 44	22500	1-Naphthalenesulfonic acid, 8,8'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[7-hydroxy-, disodium salt
2429–73–4	C.I. Direct Blue 2	22590	2,7-Naphthalenedisulfonic acid, 5-amino-3-[[4'-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-1,1'-biphenyl]-4-yl]azo]-4-hydroxy-, trisodium salt
2429–79–0	C.I. Direct Orange 8	22130	Benzoic acid, 5-[[4'-[(1-amino-4-sulfo-2-naphthalenyl)azo]-1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt
2429–81–4	C.I. Direct Brown 31	35660	Benzoic acid, 5-[[4'-[[2,6-diamino-3-[[8-hydroxy-3,6-disulfo-7-[(4-sulfo-1-naphthalenyl)azo]-2-naphthalenyl]azo]-5-methylphenyl]azo]-1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, tetrasodium salt
2429–82–5	C.I. Direct Brown 2	22311	Benzoic acid, 5-[[4'-[(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt
2429–83–6	C.I. Direct Black 4	30245	2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-[(2,4-diamino-5-methylphenyl)azo]-1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)-, disodium salt
2429–84–7	C.I. Direct Red 1	22310	Benzoic acid, 5-[[4'-[(2-amino-8-hydroxy-6-sulfo-1-naphthalenyl)azo]-1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt
2586–58–5	C.I. Direct Brown 1:2	30110	Benzoic acid, 5-[[4'-[[2,6-diamino-3-methyl-5-[(4-sulfo-1-naphthalenyl)azo]phenyl]azo]-1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt
2602–46–2	C.I. Direct Blue 6	22610	2,7-Naphthalenedisulfonic acid, 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt
2893–80–3	C.I. Direct Brown 6	30140	Benzoic acid, 5-[[4'-[[2,4-dihydroxy-3-[(4-sulfo-1-naphthalenyl)azo]phenyl]azo]-1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt
3530–19–6	C.I. Direct Red 37	22240	1,3-Naphthalenedisulfonic acid, 8-[[4'-[(4-ethoxyphenyl)azo]-1,1'-biphenyl]-4-yl]azo]-7-hydroxy-, disodium salt
3567–65–5	C.I. Acid Red 85	22245	1,3-Naphthalenedisulfonic acid, 7-hydroxy-8-[[4'-[[4-[(4-methylphenyl)sulfonyl]oxy]phenyl]azo]-1,1'-biphenyl]-4-yl]azo]-, disodium salt
3626–28–6	C.I. Direct Green 1	30280	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-3-[[4'-[(4-hydroxyphenyl)azo]-1,1'-biphenyl]-4-yl]azo]-6-(phenylazo)-, disodium salt
3811–71–0	C.I. Direct Brown 1	30045	Benzoic acid, 5-[[4'-[[2,4-diamino-5-[(4-sulfo-1-naphthalenyl)azo]phenyl]azo]-1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt
4335–09–5	C.I. Direct Green 6	30295	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-6-[[4'-[(4-hydroxyphenyl)azo]-1,1'-biphenyl]-4-yl]azo]-3-[(4-nitrophenyl)azo]-, disodium salt
6358–80–1	C.I. Acid Black 94	30336	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-3-[[4'-[[4-hydroxy-2-[(2-methylphenyl)amino]phenyl]azo]-1,1'-biphenyl]-4-yl]azo]-6-[(4-sulfo-1-naphthalenyl)azo]-, trisodium salt
6360–29–8	C.I. Direct Brown 27	31725	Benzoic acid, 5-[[4'-[[4-[(4-amino-7-sulfo-1-naphthalenyl)azo]-6-sulfo-1-naphthalenyl]azo]-1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, trisodium salt

TABLE 1—BENZIDINE-BASED CHEMICAL SUBSTANCES—Continued

CAS number	C.I. name	C.I. number	Chemical Name
6360–54–9	C.I. Direct Brown 154	30120	Benzoic acid, 5-[[4'-[[2,6-diamino-3-methyl-5-[(4-sulfophenyl)azo]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-2-hydroxy-3-methyl-, disodium salt
8014–91–3	C.I. Direct Brown 74	36300	Benzoic acid, 3,3'-[(3,7-disulfo-1,5-naphthalenediyl)bis[azo(6-hydroxy-3,1-phenylene)azo]6(or7)-sulfo-4,1-naphthalenediyl]azo[1,1'-biphenyl]-4,4'-diylazo]]bis[6-hydroxy-, hexasodium salt
16071–86–6	C.I. Direct Brown 95	30145	Cuprate(2-), [5-[[4'-[[2,6-dihydroxy-3-[(2-hydroxy-5-sulfophenyl)azo]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-2-hydroxybenzoato(4-)]-, disodium

[61 FR 52295, Oct. 7, 1996]

**§ 721.1675 Disulfonic acid rosin amine salt of a benzidine derivative (generic name).**

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified generically as disulfonic acid rosin amine salt of a benzidine derivative (PMN P-87-1337) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section.

(2) The significant new uses are:

(i) *Industrial, commercial, and consumer activities.* Requirements as specified in § 721.80 (f), (v)(1), (w)(1), and (x)(1).

(ii) [Reserved]

(b) *Specific requirements.* The provisions of subpart A of this part apply to this section except as modified by this paragraph.

(1) *Recordkeeping.* The following recordkeeping requirements are applicable to manufacturers, importers, and processors of this substance, as specified in § 721.125 (a), (b), (c), and (i).

(2) *Limitations or revocation of certain notification requirements.* The provisions of § 721.185 apply to this significant new use rule.

[55 FR 33304, Aug. 15, 1990. Redesignated at 58 FR 29946, May 24, 1993, as amended at 58 FR 34204, June 23, 1993]

**§ 721.1680 Substituted benzoic acid (generic).**

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance identified generically as substituted benzoic acid (PMN P-01-423) is subject to reporting under this section for the significant new use

described in paragraph (a)(2) of this section.

(2) The significant new uses are:

(i) *Industrial, commercial, and consumer activities.* Requirements as specified in § 721.80(f).

(ii) [Reserved]

(b) *Specific requirements.* The provisions of subpart A of this part apply to this section except as modified by this paragraph.

(1) *Recordkeeping.* Recordkeeping requirements as specified in § 721.125(a), (b), (c), and (i) are applicable to manufacturers, importers, and processors of this chemical substance.

(2) *Limitations or revocation of certain notification requirements.* The provisions of § 721.185 apply to this section.

[68 FR 70175, Dec. 17, 2003]

**§ 721.1700 Halonitrobenzoic acid, substituted (generic name).**

(a) *Chemical substance and significant new uses subject to reporting.* (1) The chemical substance halonitrobenzoic acid, substituted (PMN P-86-1098) is subject to reporting under this section for the significant new uses described in paragraph (a)(2) of this section.

(2) The significant new uses are:

(i) *Protection in the workplace.* Requirements as specified in § 721.63 (a)(1), (a)(3), (a)(4), (a)(5)(iv) through (a)(5)(vii), (a)(6)(i), (b) (concentration set at 1.0 percent), and (c).

(ii) *Hazard communication program.* Requirements as specified in § 721.72 (b), (c), (d), (e) (concentration set at 1.0 percent), (f) and (g)(1)(vi), (g)(2)(i) through (g)(2)(v), and (g)(5). The provision of § 721.72(d) requiring that employees to be provided with information on the location and availability of